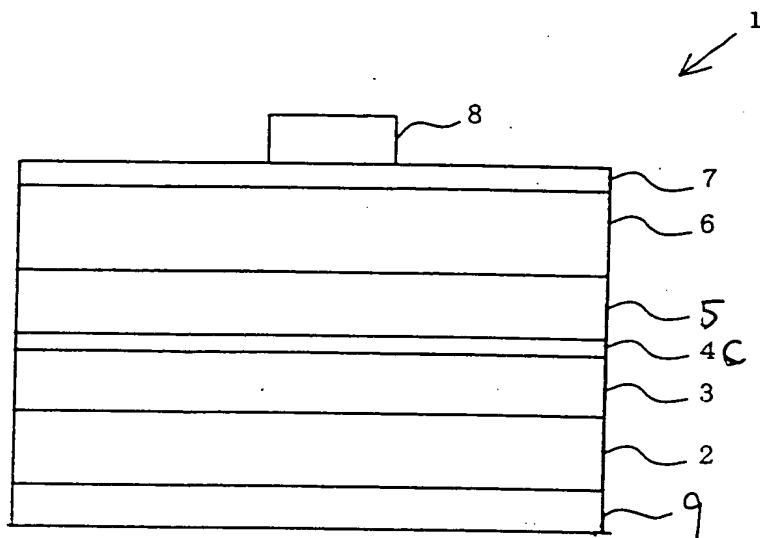
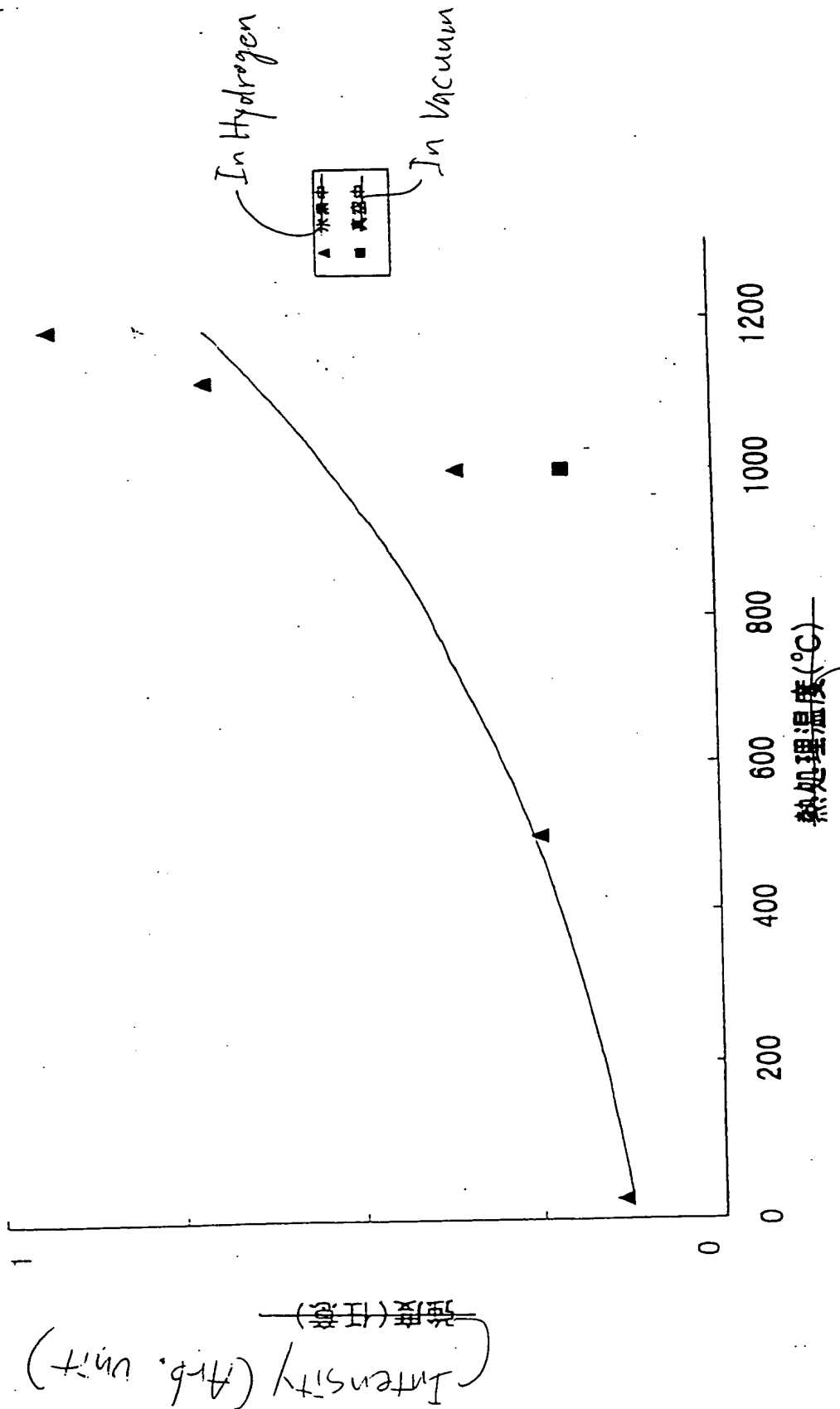


FIG. 1



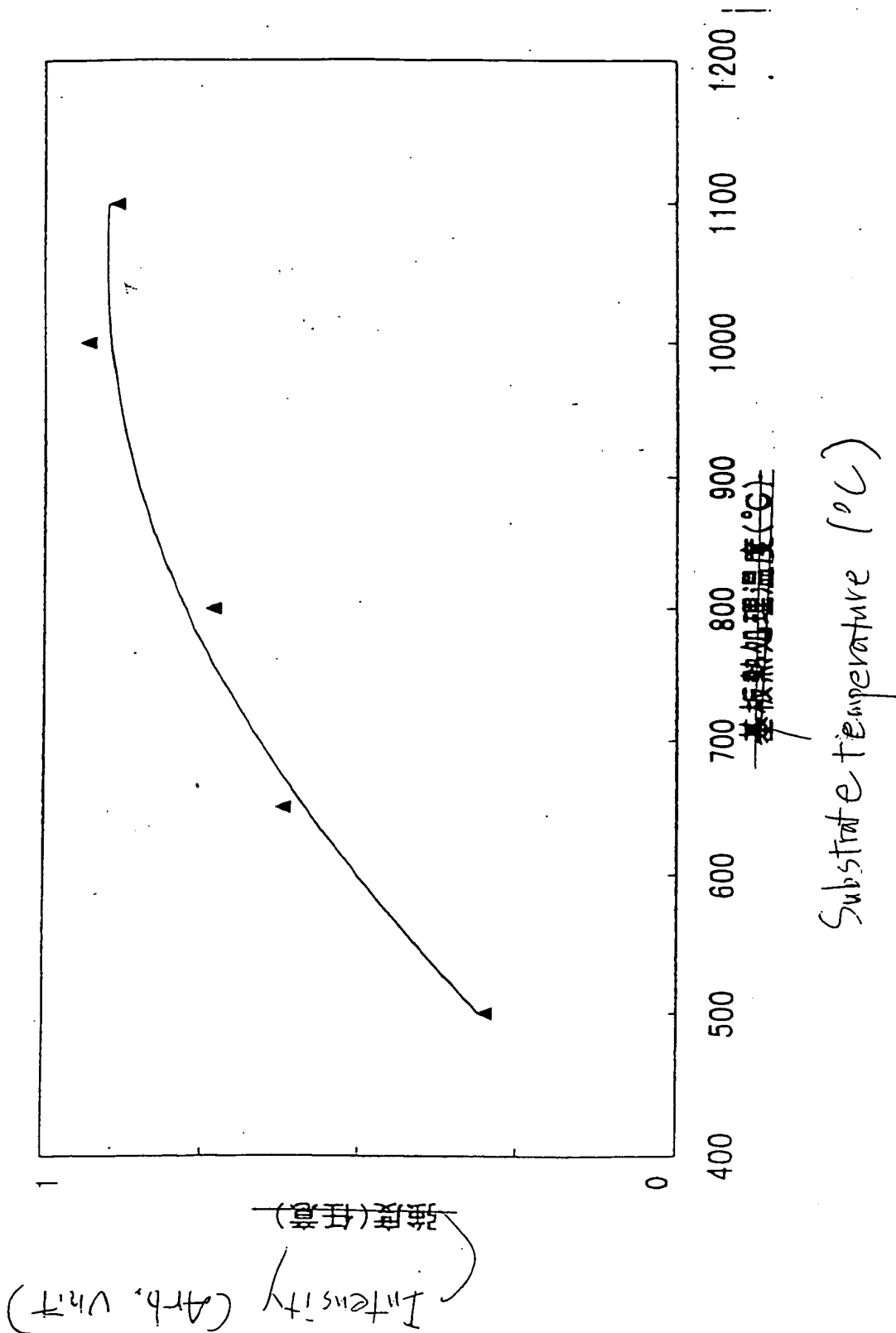
FOBT21-0940200T

FIG. 2



TEST 09402001

FIG. 3



FOBT2T"0940200T

FIG. 4

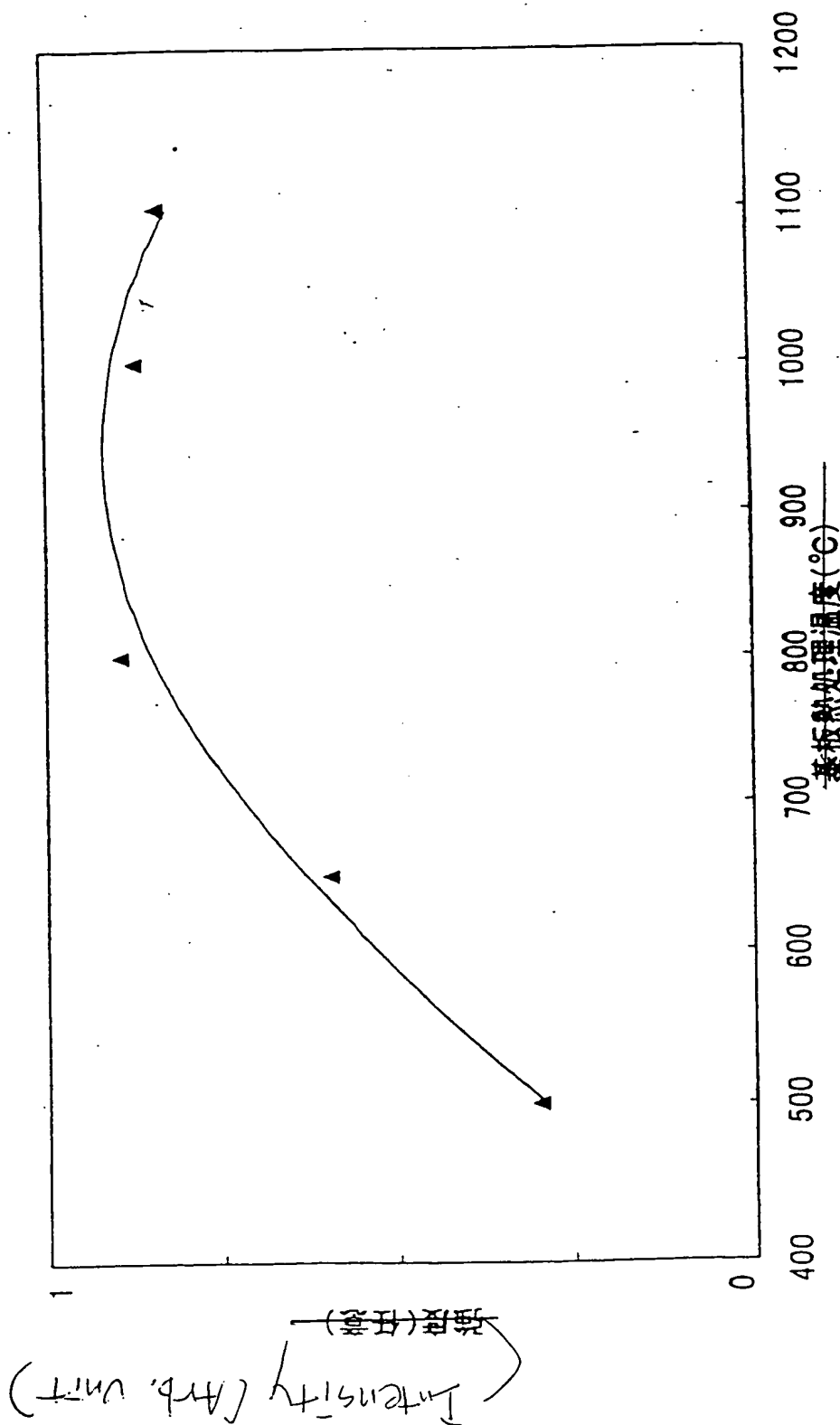


FIG. 5

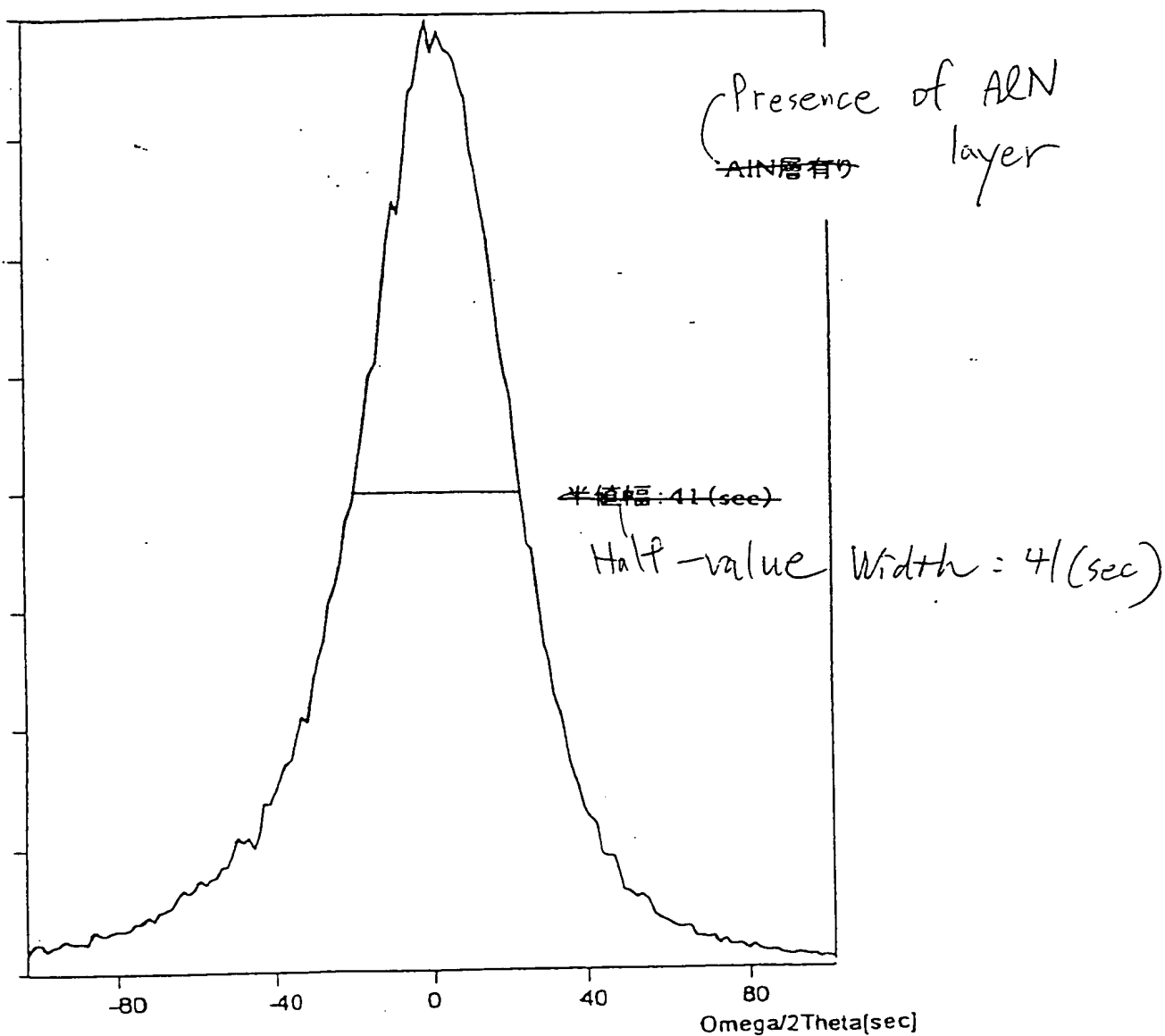
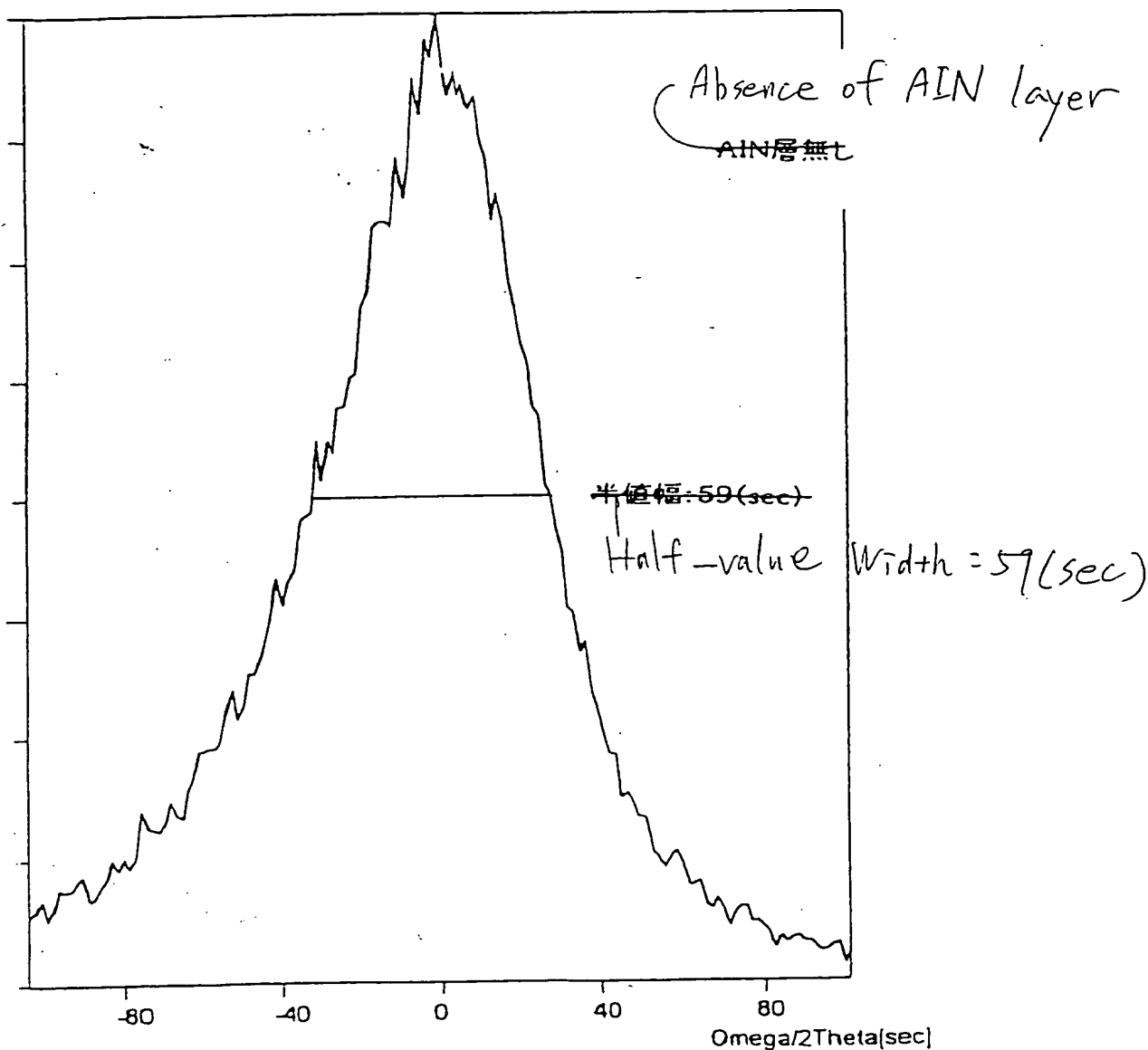


FIG. 6



10020460.121801

FIG. 7

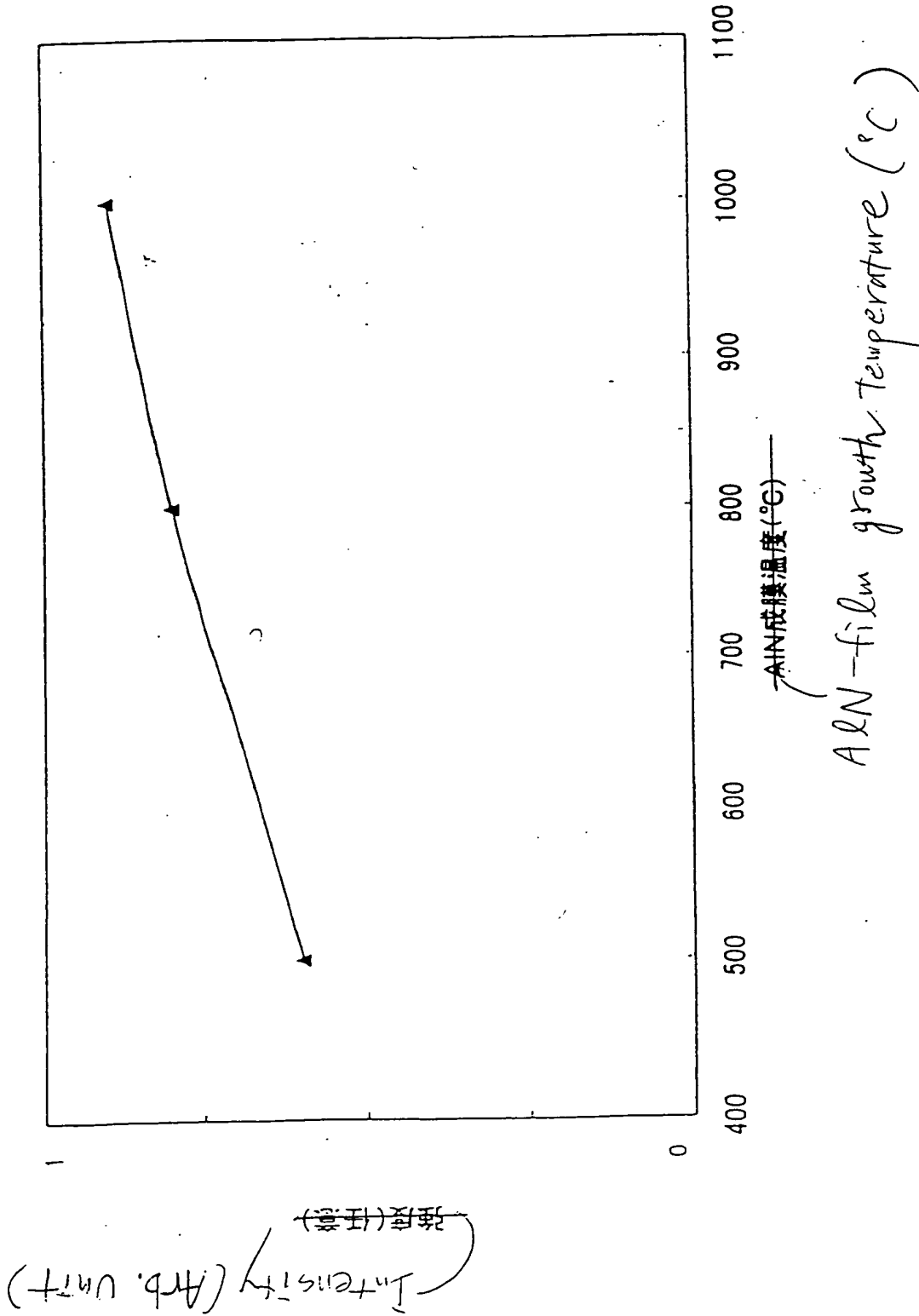
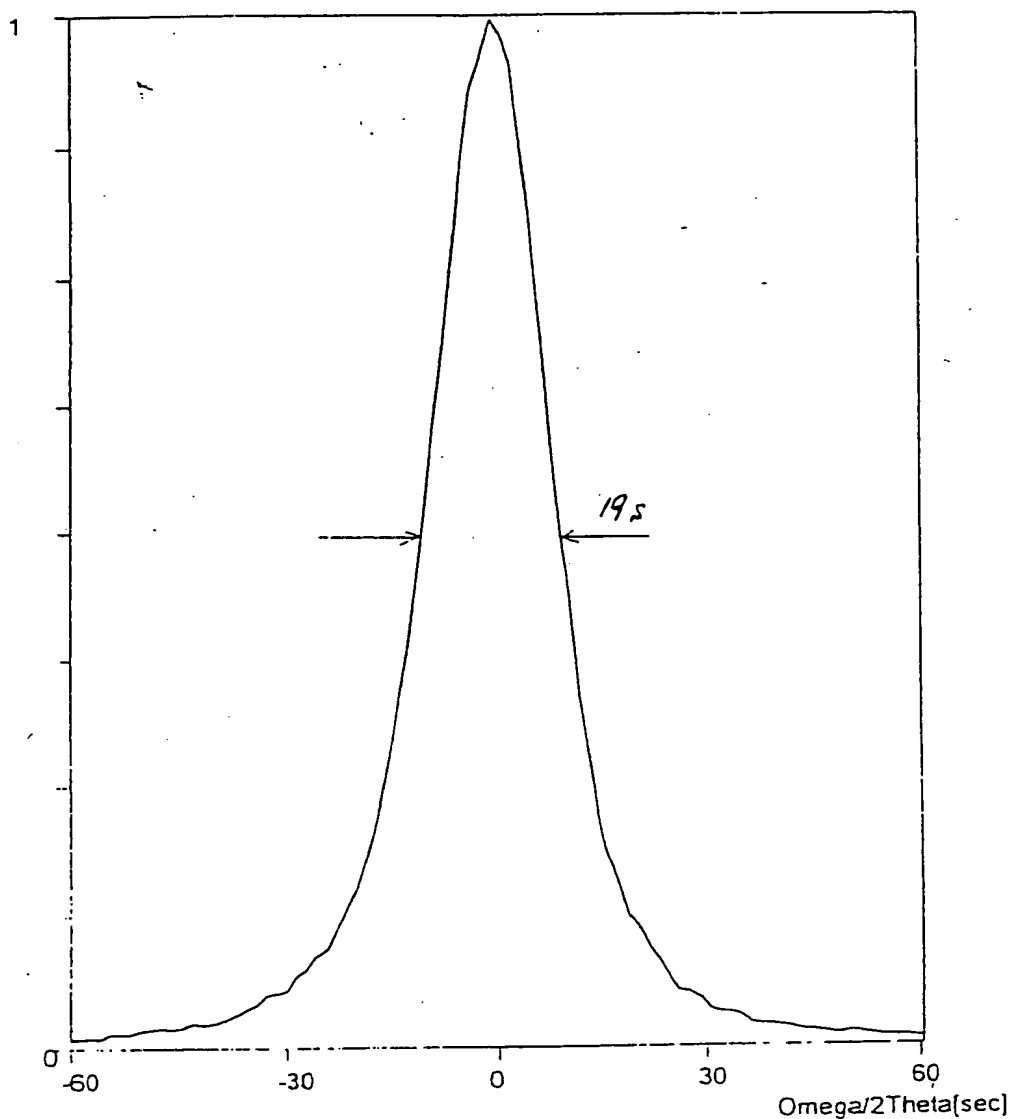


FIG. 8

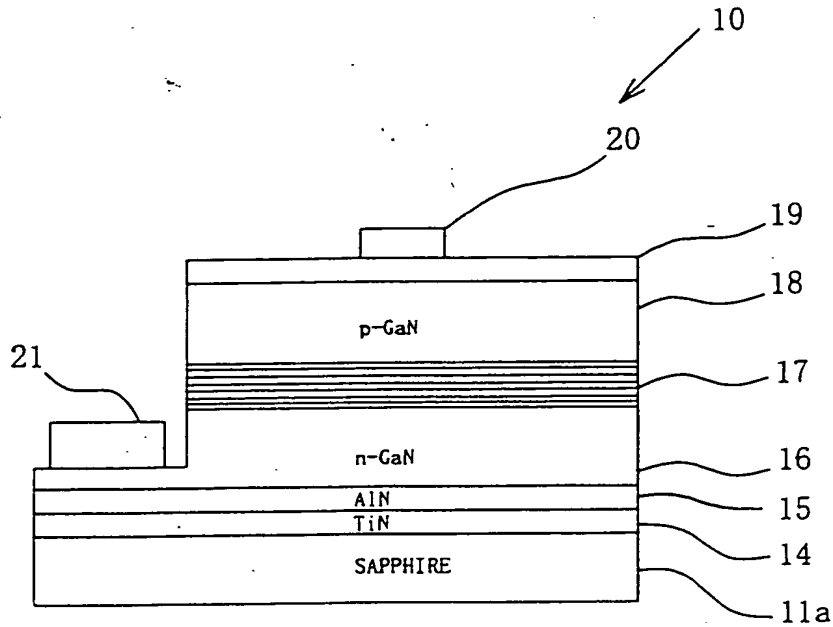
~~GaNのX線ロッキングカーブ~~ X-ray rocking curve
of GaN

GaN / AlN / TiN / Sap



10020460-121301

FIG. 9



10020460-1 21801

FIG. 10

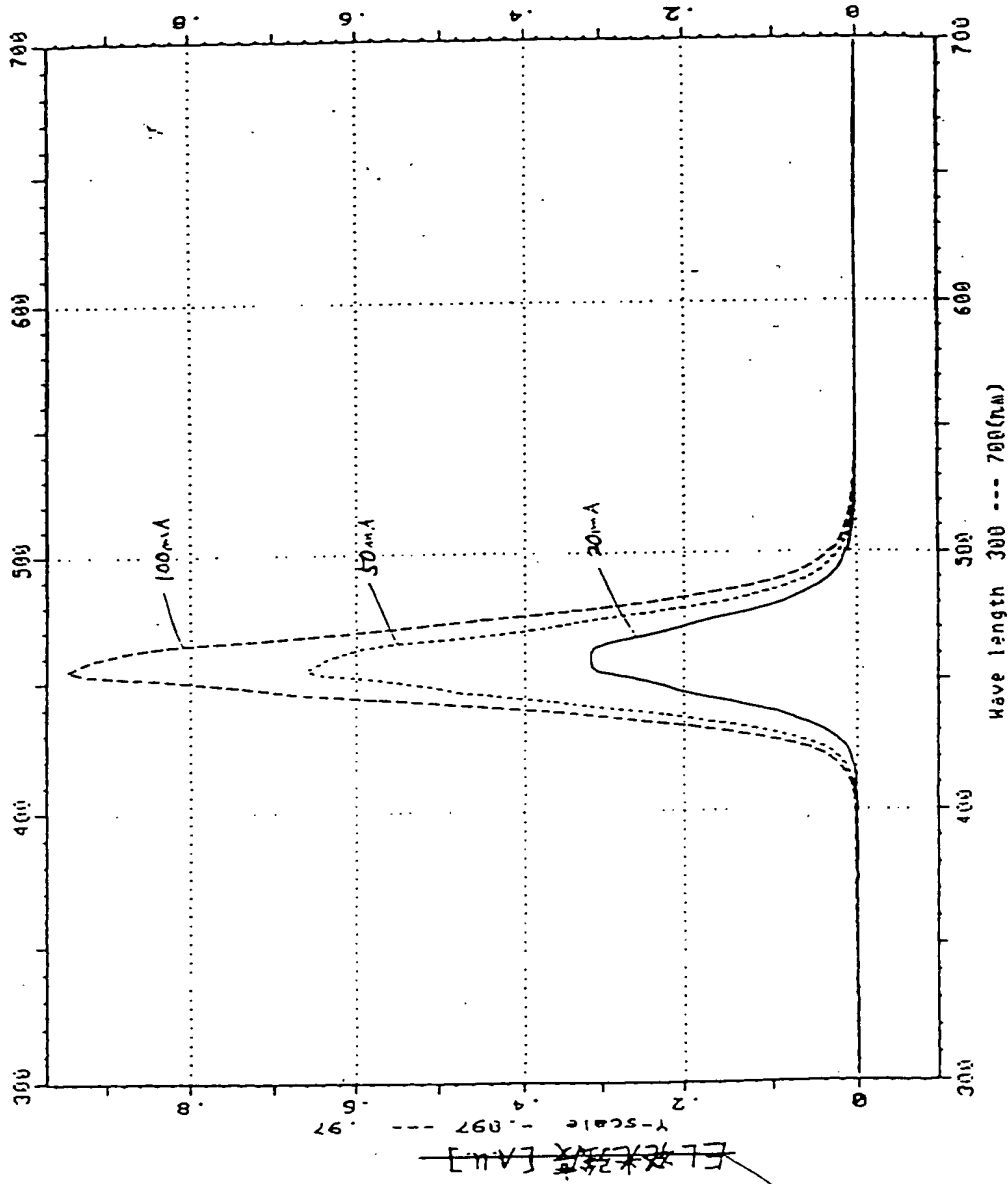


FIG. 11

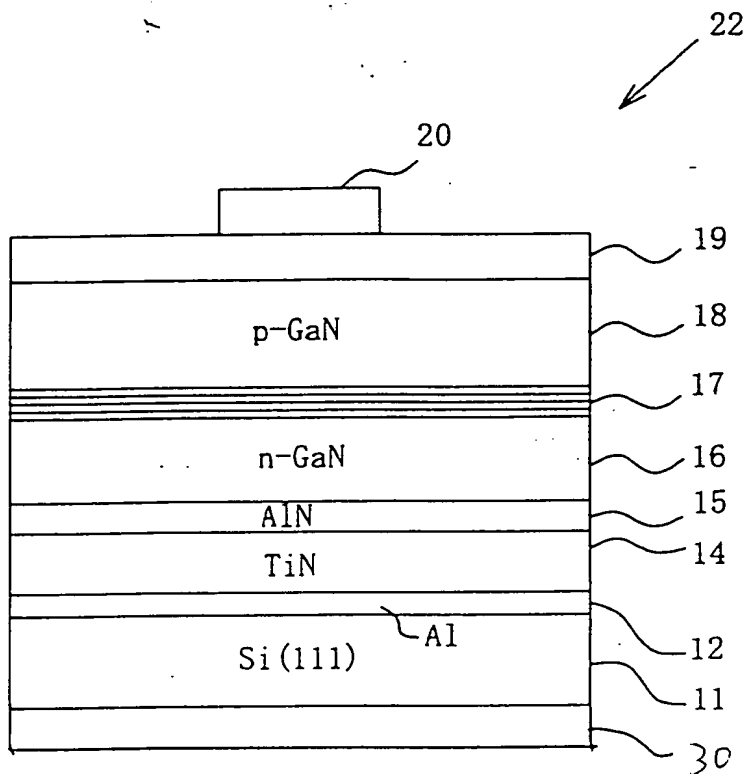
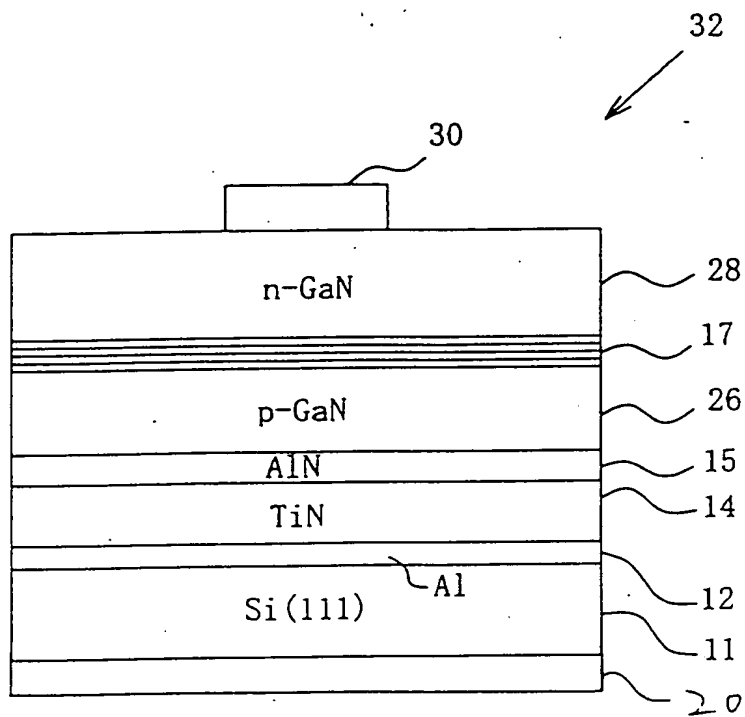


FIG. 12



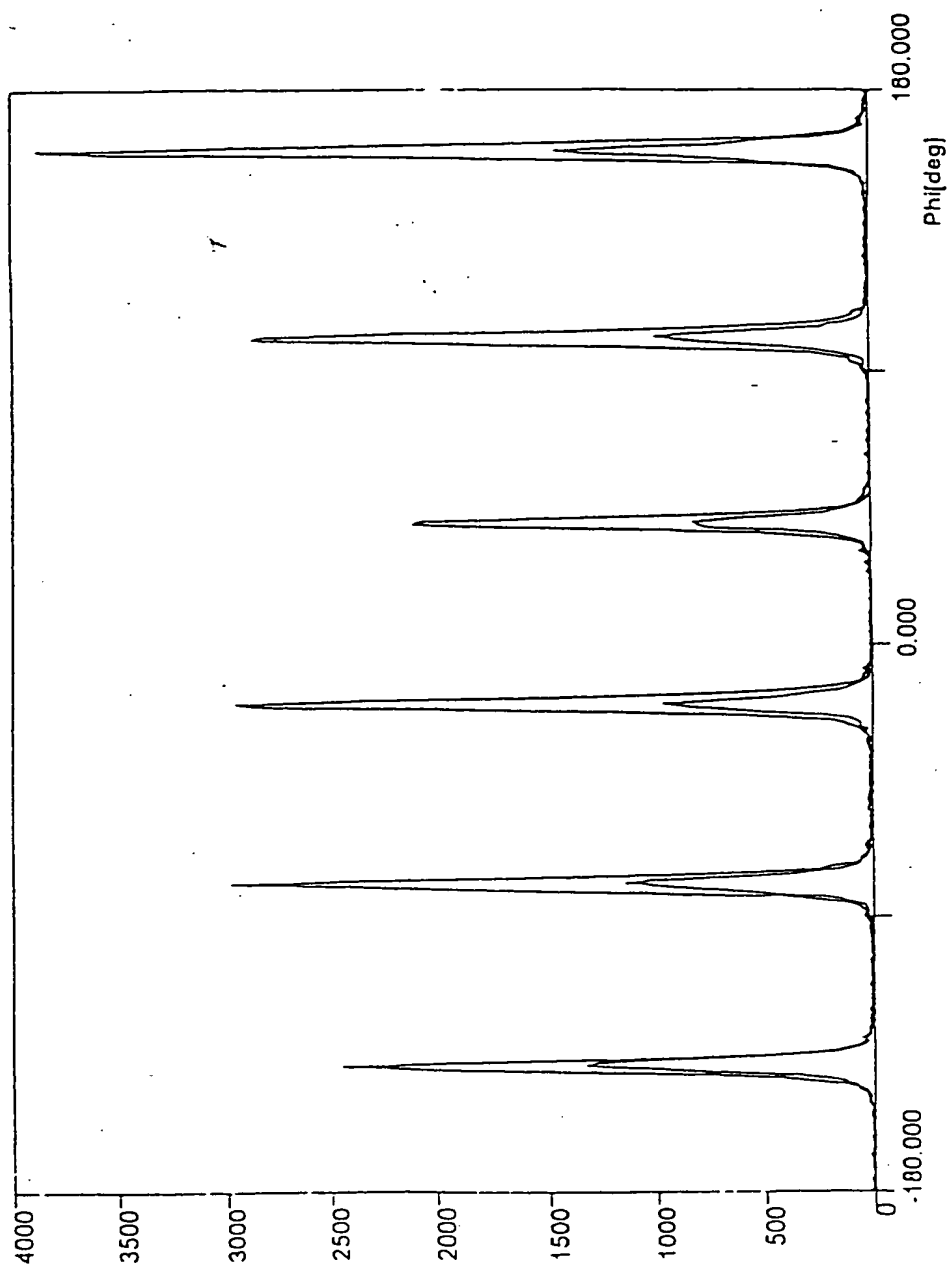
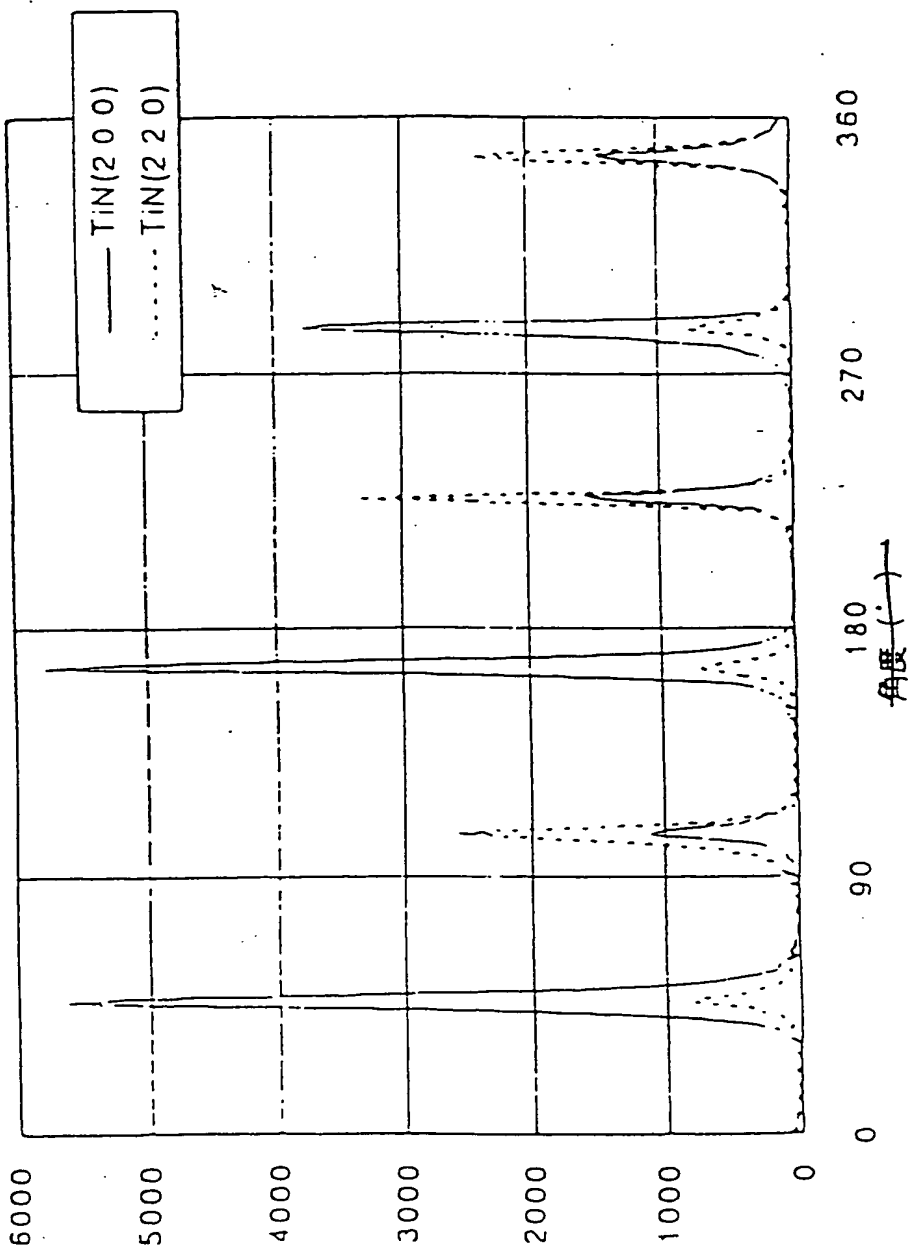


Fig. 14
PHI Scanning



X-ray Peak Intensity

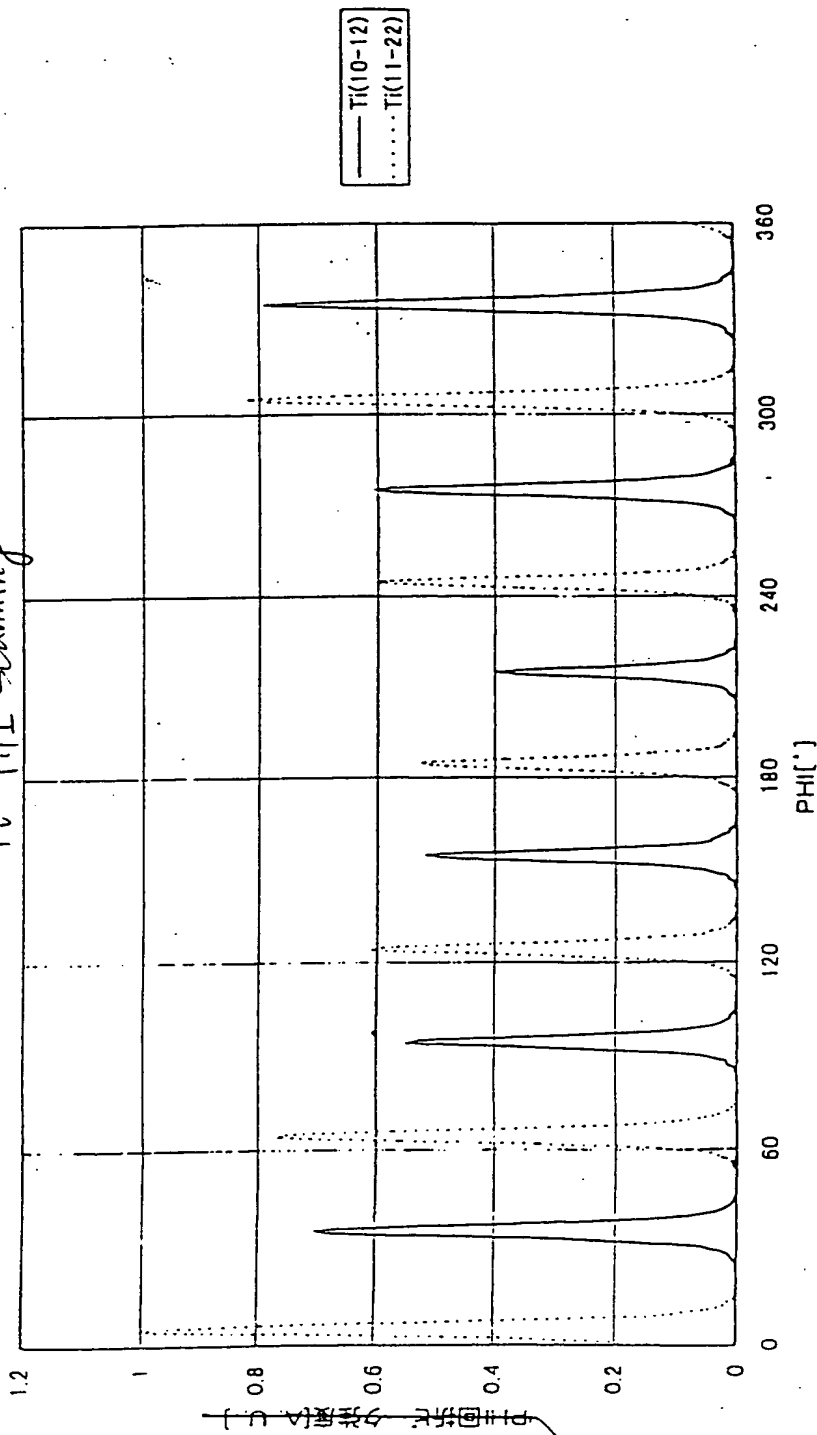
Angle (°C)

FIG. 15
P01140206

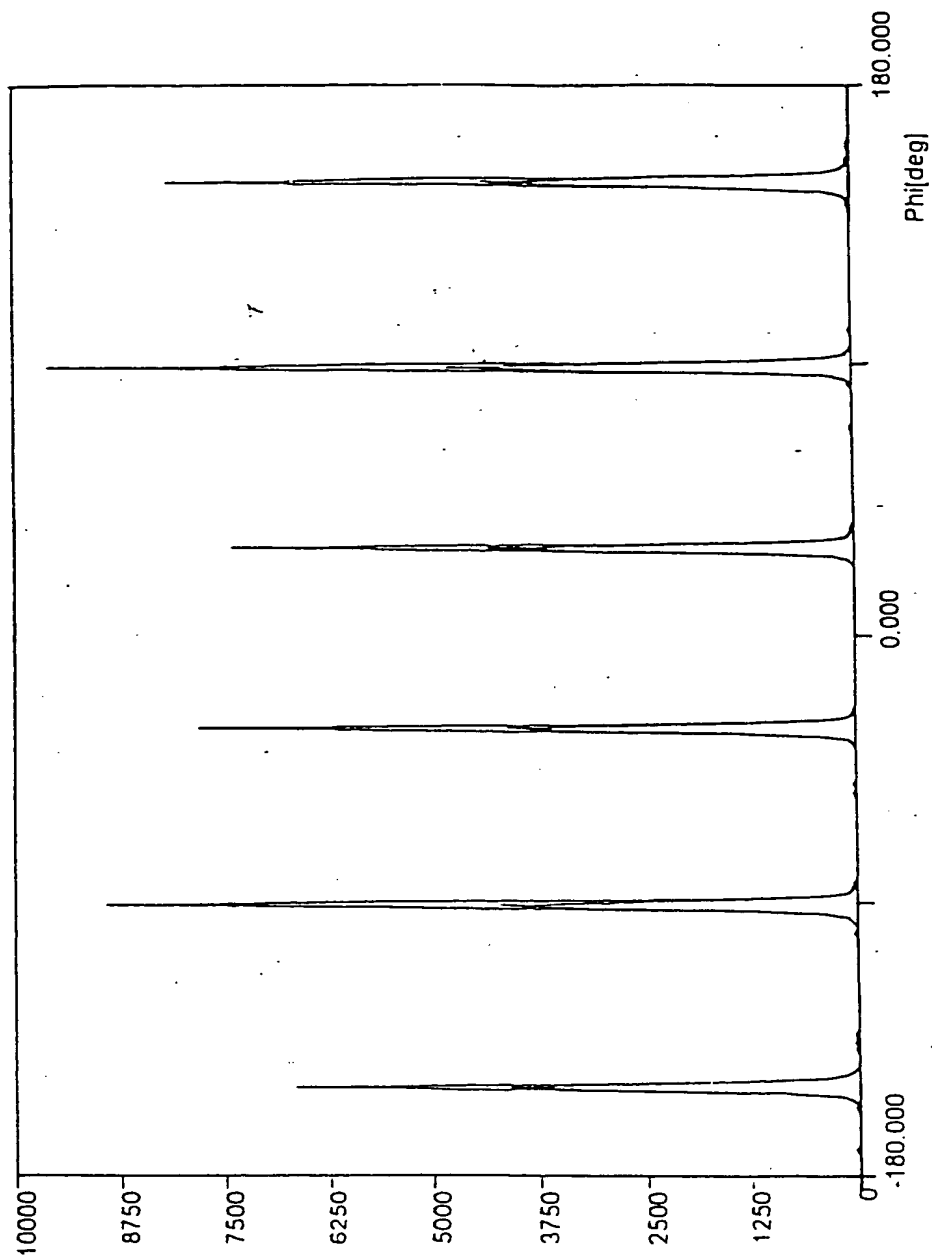
Ti(15000A)/TiN(5000A)/Al/Si

PHI Scanning

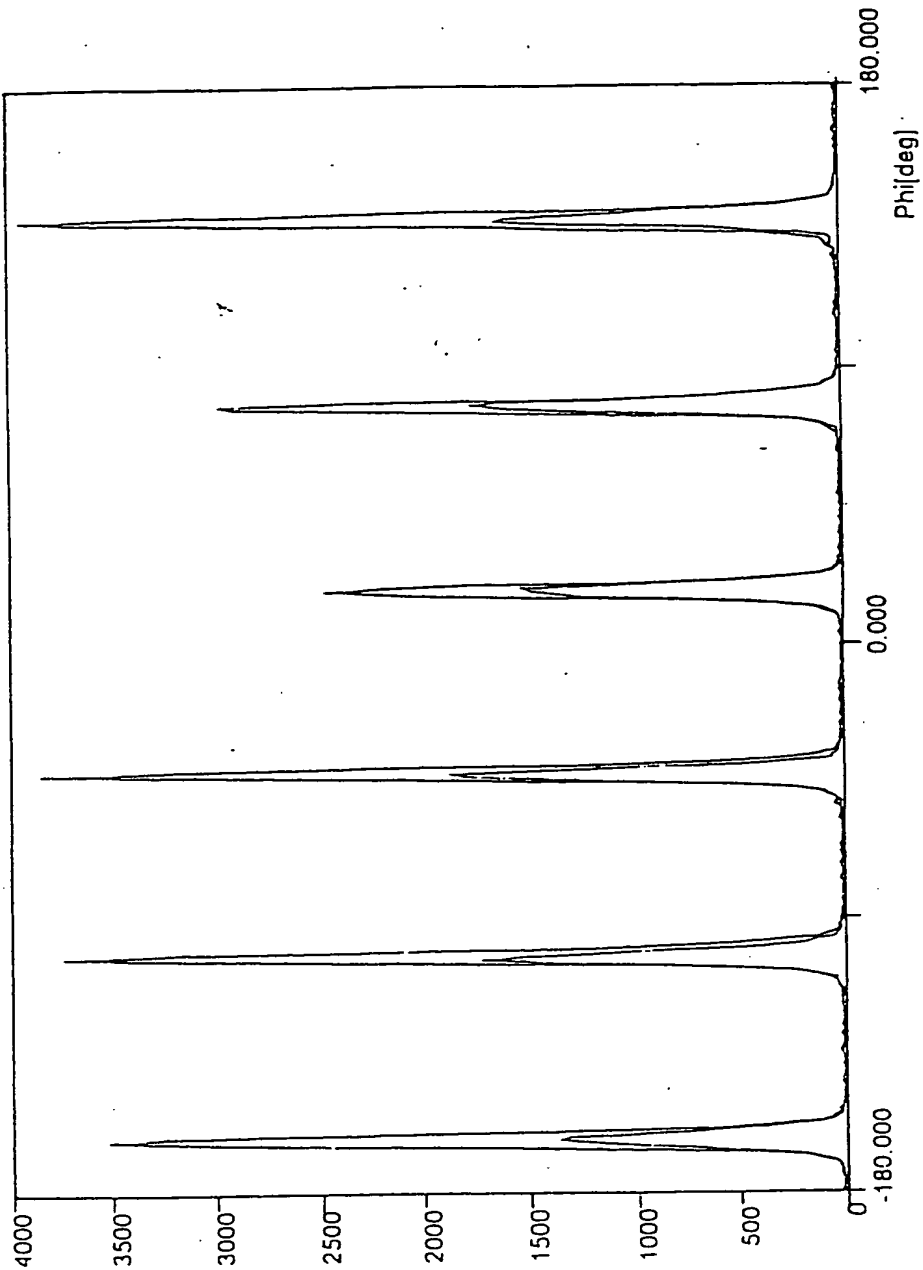
Ti PHI Scanning

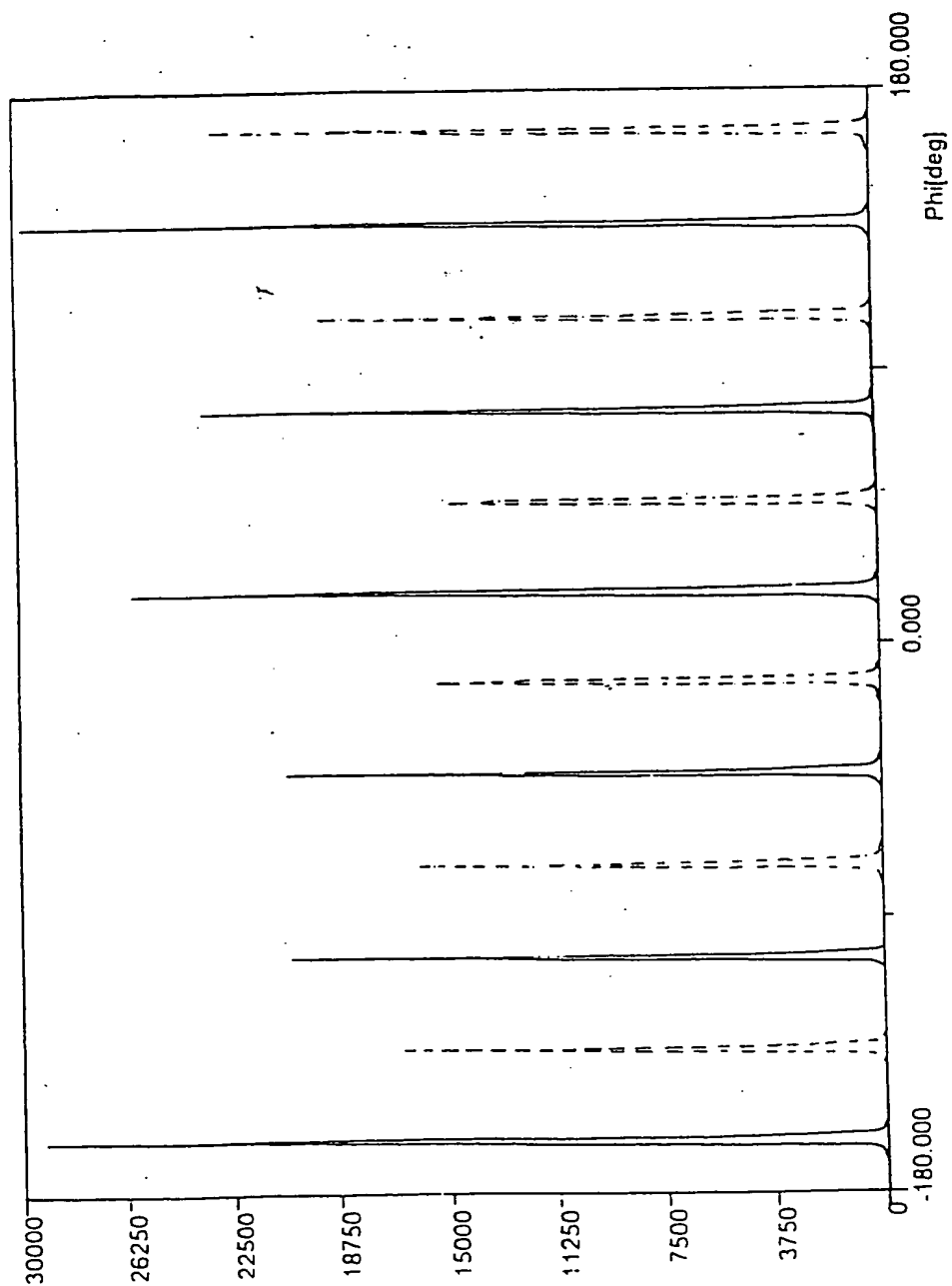


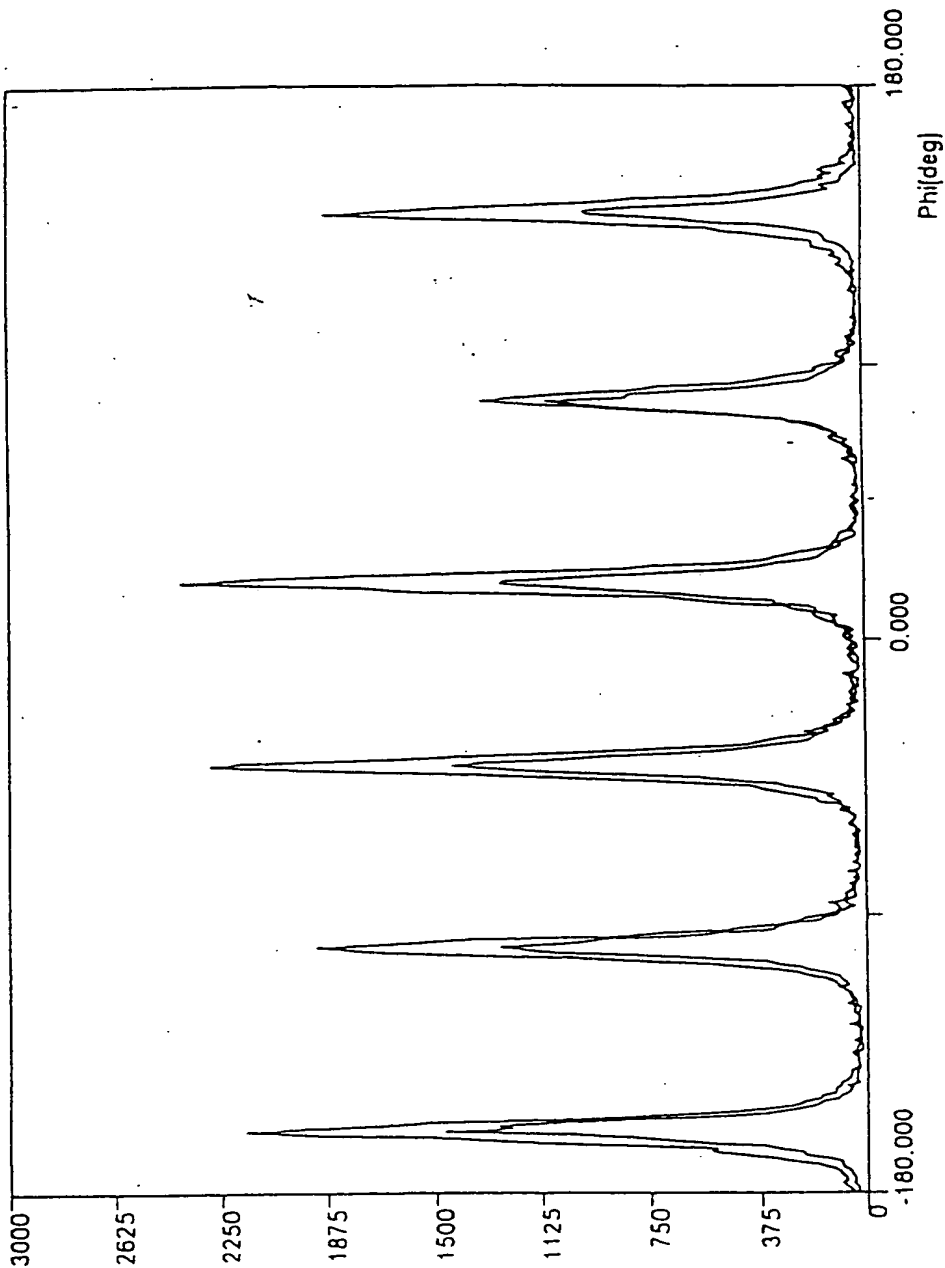
PHI Diffraction Peak Intensity [A.U.]



TOBET: 09402001
FIG. 17





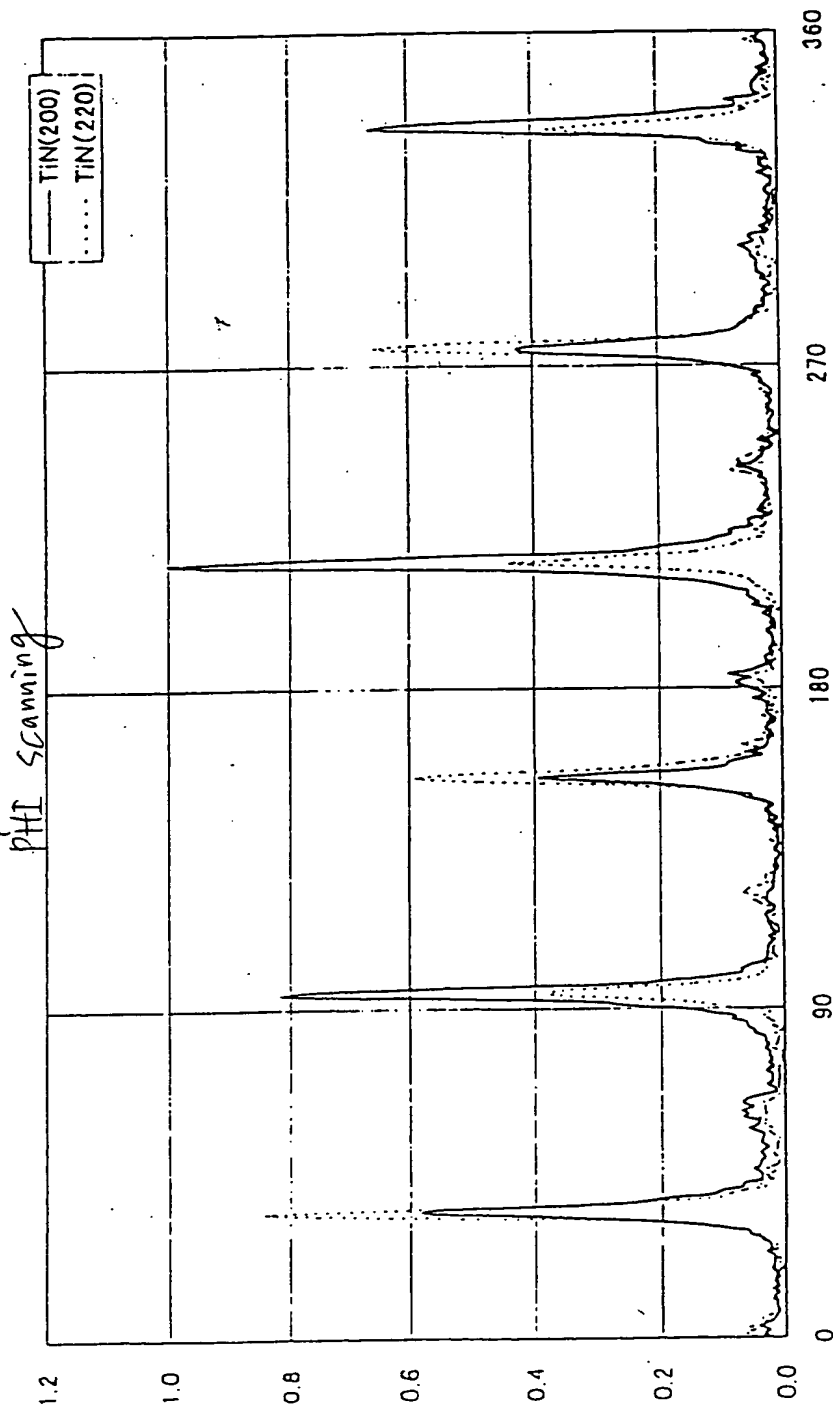


1001491900T
6/19/99
T08F1491900T

FIG 20 0940200T

TiN / Al2O3

PHI Scanning



Angle (°)

X-ray Diffraction Peak Intensity [A.U.]

FIG 21

X-ray Diffraction Peak Intensity [A.U.]

強度 [A.U.]

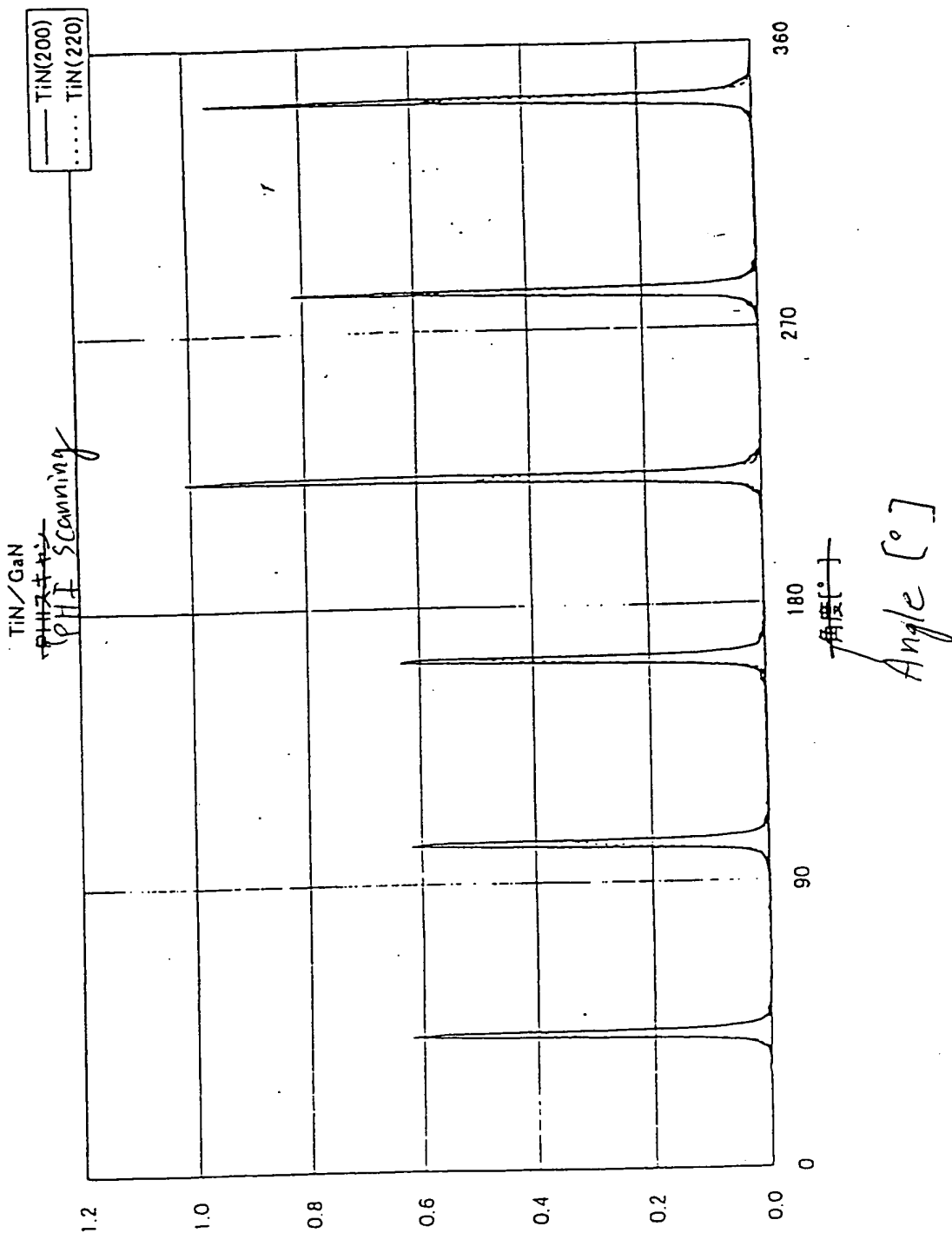
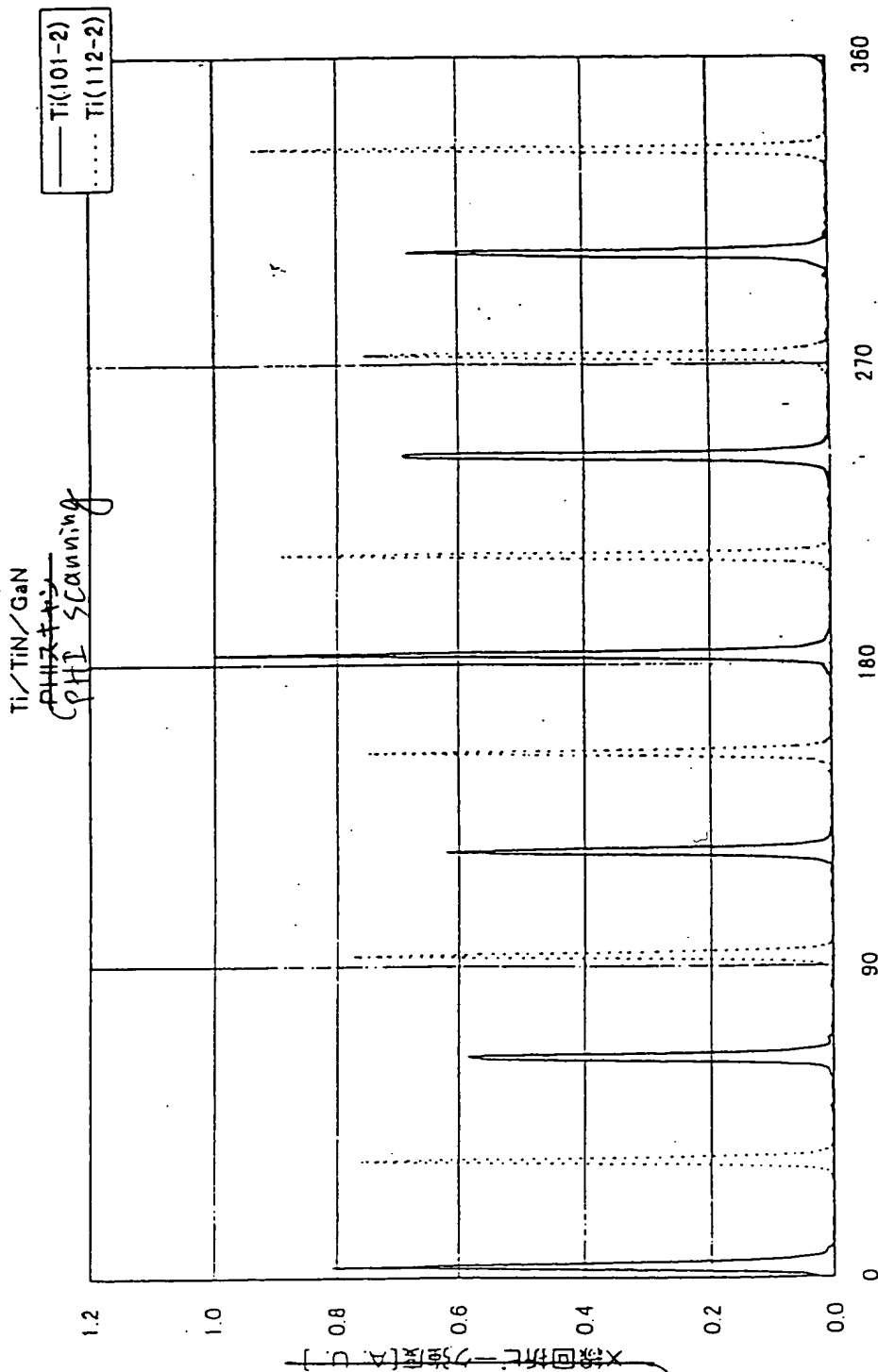


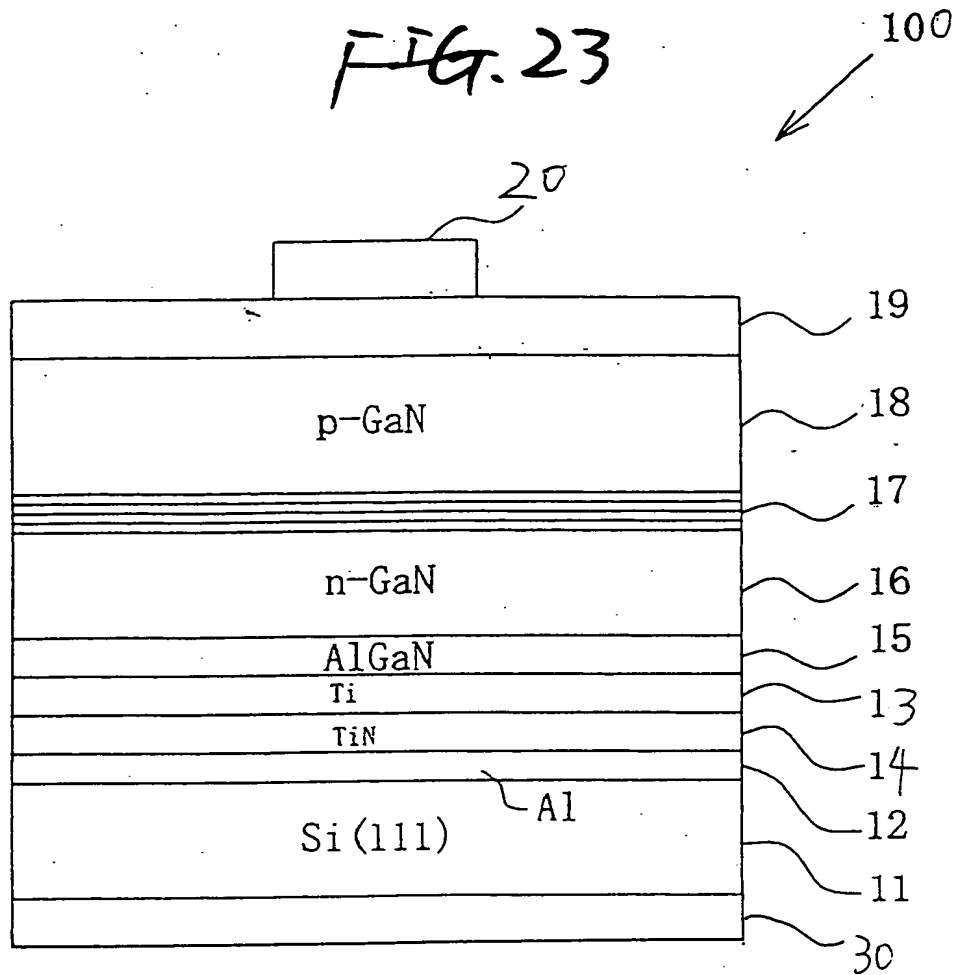
FIG. 22



Angle [°]

X-ray Diffraction Peak Intensity [A.U.]

FIG. 23



10020450.121801

FIG. 24

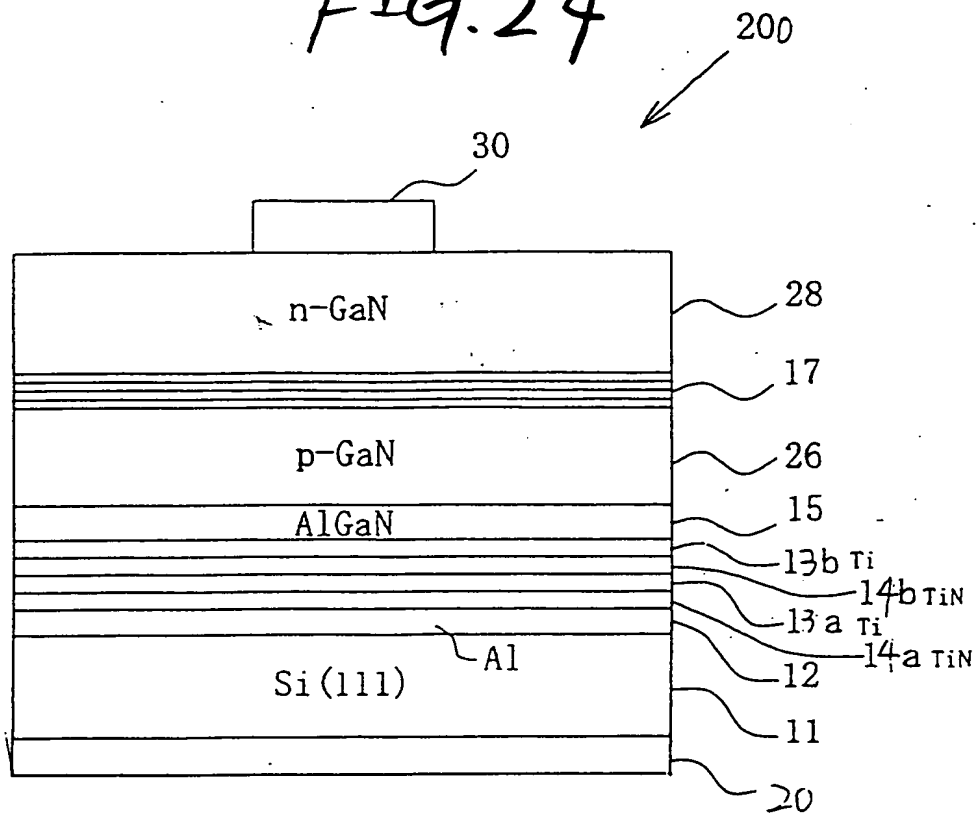
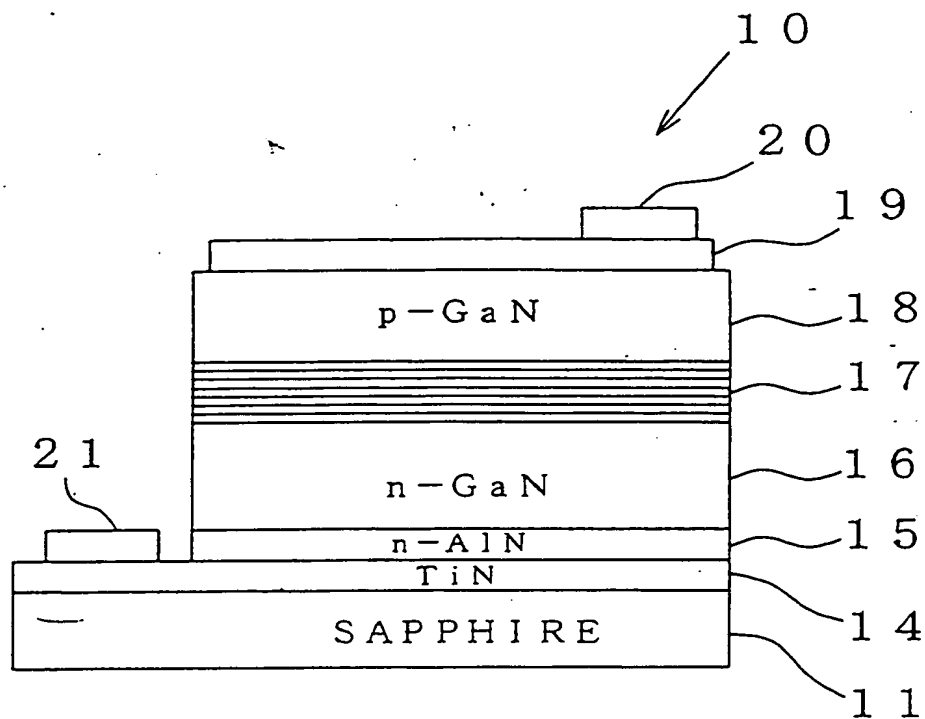


FIG. 25



11020450.121801

FIG. 26

